SEQUENCE LISTING

<110>	Am	eric	an F	Iome	Proc	ducts	3									
<120> ng the			-amyl	oid	Pept	ide-	-Binc	ding	Prot	eins	and	l Pol	Lynuo	cleot	cides	Encodi
<130>	A.	нР98	31261	.C1												
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	1 8 D H	10 NA	sapi	iens												
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<400> atg ca			++5	222	aaa	t ct	ccc	a a t	ata	2++	CCA	caa	act	Cac	aaa	4
8 Met Hi																4
	.5	TTE	ьеи	_	σтλ	per	FIO	ASII		TIE	FIO	Arg	Ата	15	GTÀ	
1				5					10					13		
cag aa	ıg	aac	acg	cga	aga	gac	gga	act	ggc	ctc	tat	cct	atg	cga	ggt	9
6 Gln Ly	'S	Asn	Thr	Arg	Arg	Asp	Gly	Thr	Gly	Leu	Tyr	Pro	Met	Arg	Gly	
			20					25					30			
aaa ++	. 4-	224	224	at a	~~~	a+ a	++~	999	++~	+ 00	a± a	G G G	a± a	at a	~~~	1 /
ccc tt		_					_					_		_		14
Pro Ph		_	ASII	ьеи	AId	тец		LIO	riie	ser	ьеи		ьeu	шeu	αтλ	
		35					40					45				

gga 2	ggc	gga	agc	gga	agt	ggc	gag	aaa	gtg	tcg	gtc	tcc	aag	atg	gcg	19
Gly	Gly	Gly	Ser	Gly	Ser	Gly	Glu	Lys	Val	Ser	Val	Ser	Lys	Met	Ala	
	50					55					60					
gcc 0	gcc	tgg	ccg	tct	ggt	ccg	tct	gct	ccg	gag	gcc	gtg	acg	gcc	aga	24
Ala	Ala	Trp	Pro	Ser	Gly	Pro	Ser	Ala	Pro	Glu	Ala	Val	Thr	Ala	Arg	
65					70					75					80	
ctc 8	gtt	ggt	gtc	ctg	tgg	ttc	gtc	tca	gtc	act	aca	gga	ccc	tgg	ggg	28
Leu	Val	Gly	Val	Leu	Trp	Phe	Val	Ser	Val	Thr	Thr	Gly	Pro	Trp	Gly	
				85					90					95		
gct 6	gtt	gcc	acc	tcc	gcc	ggg	ggc	gag	gag	tcg	ctt	aag	tgc	gag	gac	33
Ala	Val	Ala	Thr	Ser	Ala	Gly	Gly	Glu	Glu	Ser	Leu	Lys	Cys	Glu	Asp	
			100					105					110			
ctc	aaa	gtg	gga	caa	tat	att	tgt	aaa	gat	cca	aaa	ata	aat	gac	gct	38
4 Leu	Lys	Val	Gly	Gln	Tyr	Ile	Cys	Lys	Asp	Pro	Lys	Ile	Asn	Asp	Ala	
		115					120					125				
acg 2	caa	gaa	cca	gtt	aac	tgt	aca	aac	tac	aca	gct	cat	gtt	tcc	tgt	43
	Gln	Glu	Pro	Val	Asn	Cys	Thr	Asn	Tyr	Thr	Ala	His	Val	Ser	Cys	
	130					135					140					
ttt 0	cca	gca	ccc	aac	ata	act	tgt	aag	gat	tcc	agt	ggc	aat	gaa	aca	48
-	Pro	Ala	Pro	Asn	Ile	Thr	Cys	Lys	Asp	Ser	Ser	Gly	Asn	Glu	Thr	
145					150					155					160	
cat	ttt	act	ggg	aac	gaa	gtt	ggt	ttt	ttc	aag	ccc	ata	tct	tgc	cga	52

Н	lis	Phe	Thr	Gly	Asn	Glu	Val	Gly	Phe	Phe	Lys	Pro	Ile	Ser	Cys	Arq	
					165					170	-				175	,	
					100					170					175		
a 6		gta	aat	ggc	tat	tcc	tac	aaa	gtg	gca	gtc	gca	ttg	tct	ctt	ttt	57
_		Val	Asn	Gly	Tyr	Ser	Tyr	Lys	Val	Ala	Val	Ala	Leu	Ser	Leu	Phe	
				180					185					190			
C	:tt	gga	tgg	ttg	gga	gca	gat	cga	ttt	tac	ctt	gga	tac	cct	gct	ttg	62
4 I		Gly	Trp	Leu	Gly	Ala	Asp	Arg	Phe	Tyr	Leu	Gly	Tyr	Pro	Ala	Leu	
		_	195		-		*	200		-		-	205				
			133					200					200				
9		ttg	tta	aag	ttt	tgc	act	gta	ggg	ttt	tgt	gga	att	ggg	agc	cta	67
_		Leu	Leu	Lys	Phe	Cys	Thr	Val	Gly	Phe	Cys	Gly	Ile	Gly	Ser	Leu	
		210					215					220					
		210					215					220					
a			ttc	att	ctt	att		atg	cag	att	gtt		cct	tca	gat	gga	72
С		gat					tca	_	_		_	gga			gat Asp		72
I		gat					tca	_	_		_	gga			_		72
2	le 25	gat Asp	Phe	Ile	Leu	Ile 230	tca Ser	Met	Gln	Ile	Val 235	gga Gly	Pro	Ser	Asp	Gly 240	
2	le 25	gat Asp	Phe	Ile	Leu	Ile 230	tca Ser	Met	Gln	Ile	Val 235	gga Gly	Pro	Ser	_	Gly 240	72 76
2 2 8	le 25	gat Asp agt	Phe tac	Ile att	Leu	Ile 230 gat	tca Ser	Met	Gln	Ile	Val 235 aga	gga Gly ctt	Pro aca	Ser aga	Asp	Gly 240 agt	
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22 22 88 85	le 25 gt er	gat Asp agt Ser	Phe tac Tyr	Ile att Ile	Leu ata Ile 245	Ile 230 gat Asp	tca Ser tac Tyr	Met tat Tyr	Gln gga Gly	Ile acc Thr 250	Val 235 aga Arg	gga Gly ctt Leu	Pro aca Thr	Ser aga Arg	Asp ctg Leu	Gly 240 agt	76
2 2 aa 8 8 8 8	le 25 gt er	gat Asp agt Ser	Phe tac Tyr	Ile att Ile gaa	Leu ata Ile 245 aca	Ile 230 gat Asp	tca Ser tac Tyr	Met tat Tyr	Gln gga Gly	acc Thr 250	Val 235 aga Arg	gga Gly ctt Leu	Pro aca Thr	Ser aga Arg	Asp ctg Leu	Gly 240 agt	
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<210> 2 <211> 269 <212> PRT <213> Homo sapiens <400> 2

Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly 1 5 10 15

Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly 20 25 30

Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly 35 40 45

Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala 50 60

Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg 65 70 75 80

Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly 85 90 95

Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp 100 105 110 .

Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala 115 120 125

Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys 130 135 140

Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr 145 150 155 160

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg 165 170 175

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe 180 185 190

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu

205

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu 210 215 220

200

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly 225 235 240

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser 245 250 255

The Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro 260 265

195